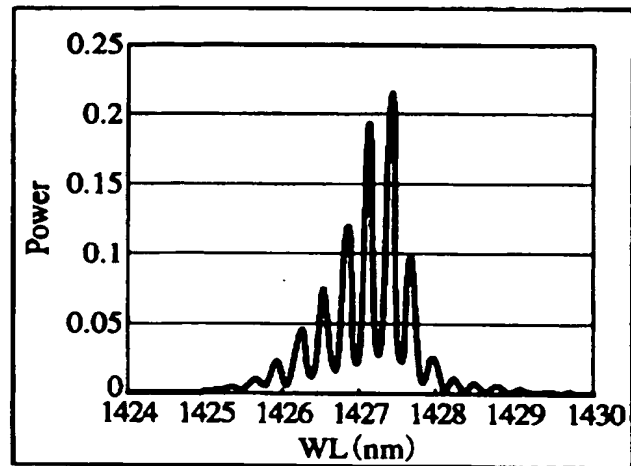


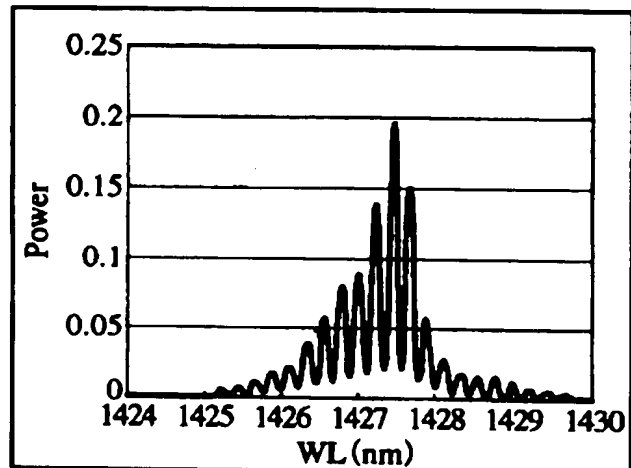
FIG. 1

FIG. 2A



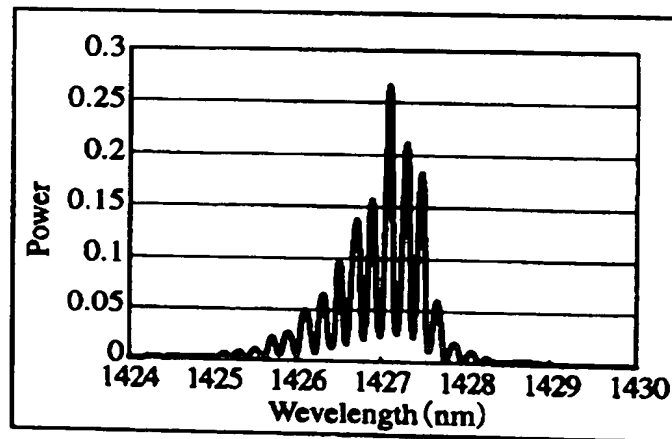
LD spectrum of cavity length 1mm

FIG. 2B



LD spectrum of cavity length 1.3mm

FIG. 2C



LD spectrum of cavity length 1.5mm

FIG. 3A

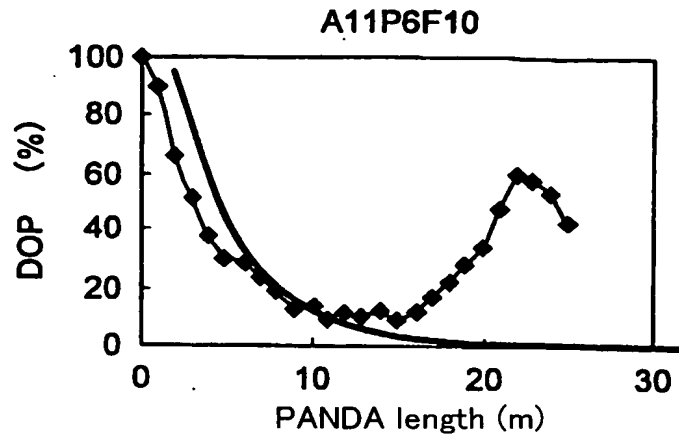


FIG. 3B

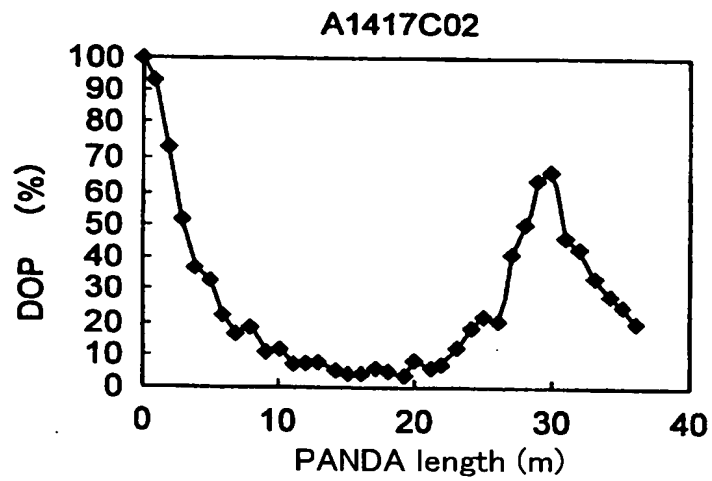
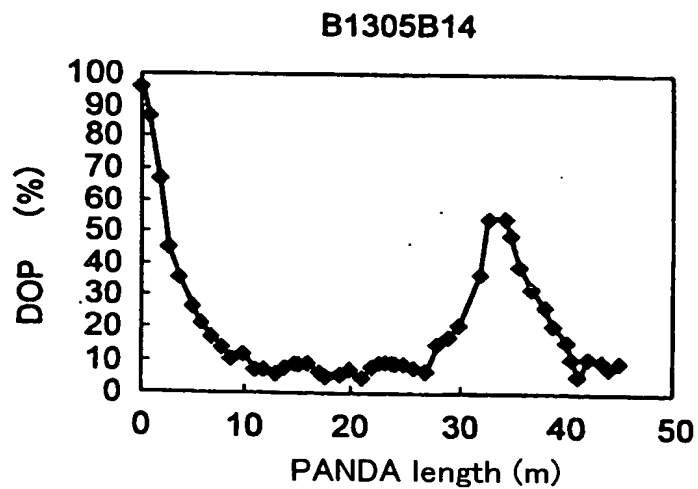
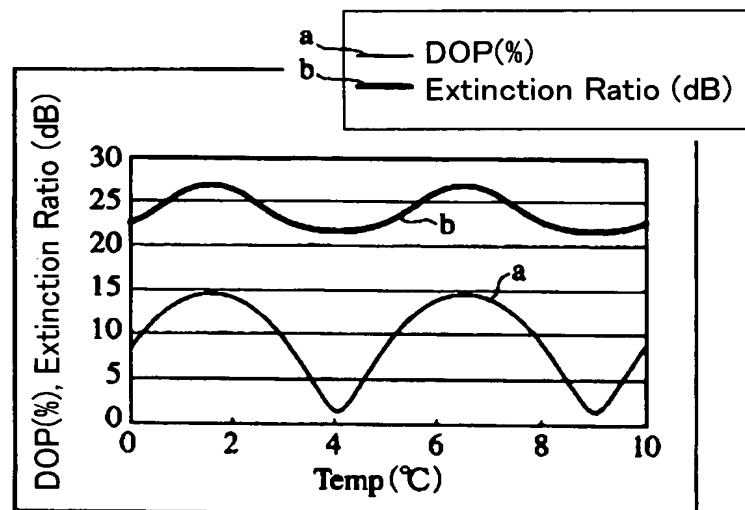


FIG. 3C





Temperature variation of DOP and Extinction ratio

LD:FWHM=0.75nm, Q-Series,  $\theta = 5^\circ$  PMF=1m, Beat length=5.2mm@1550nm  
Depolarizer:15m, Beat length=5.2mm@1550nm

FIG. 4

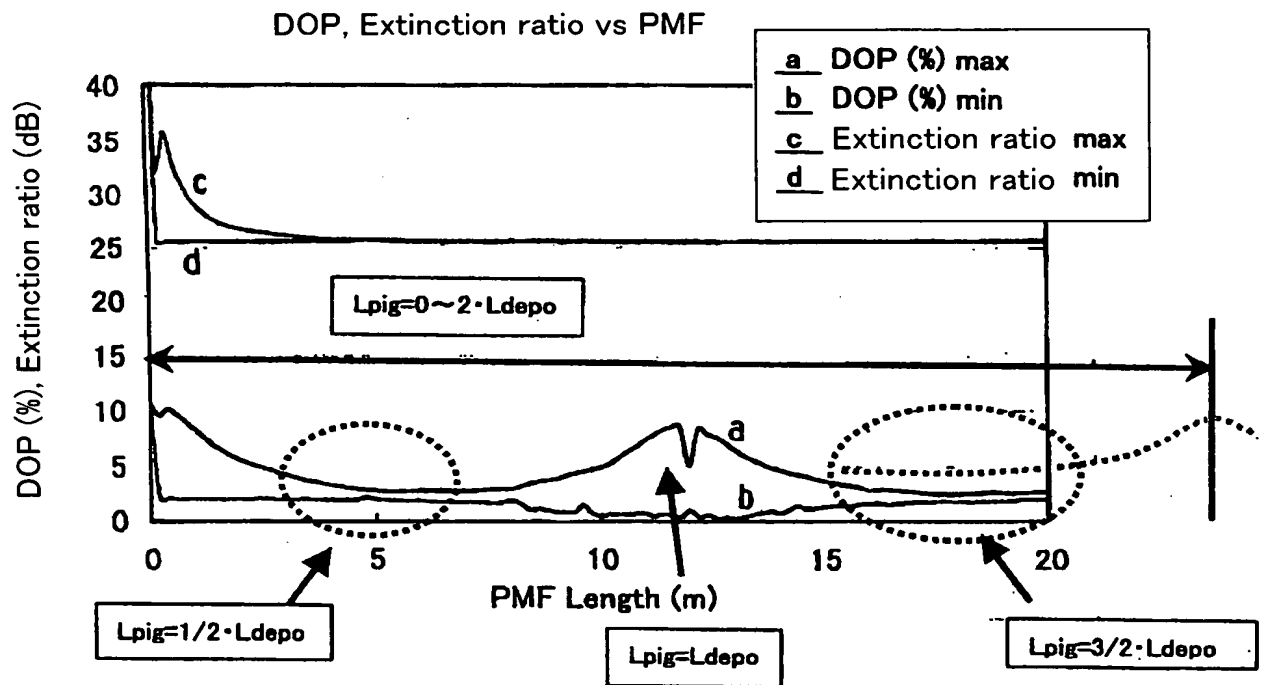


FIG. 5

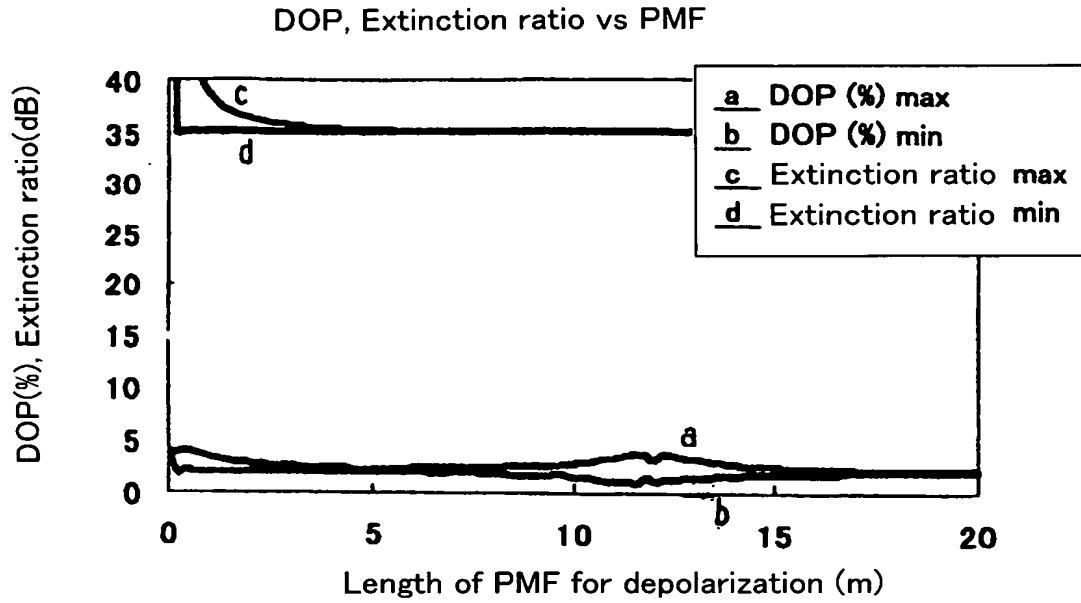


FIG. 6

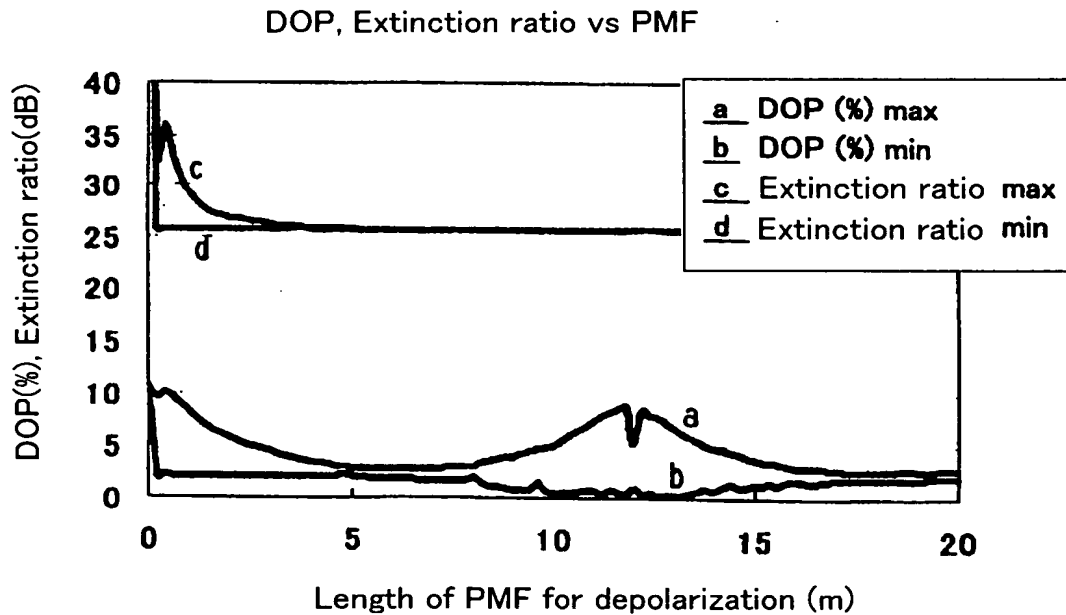


FIG. 7

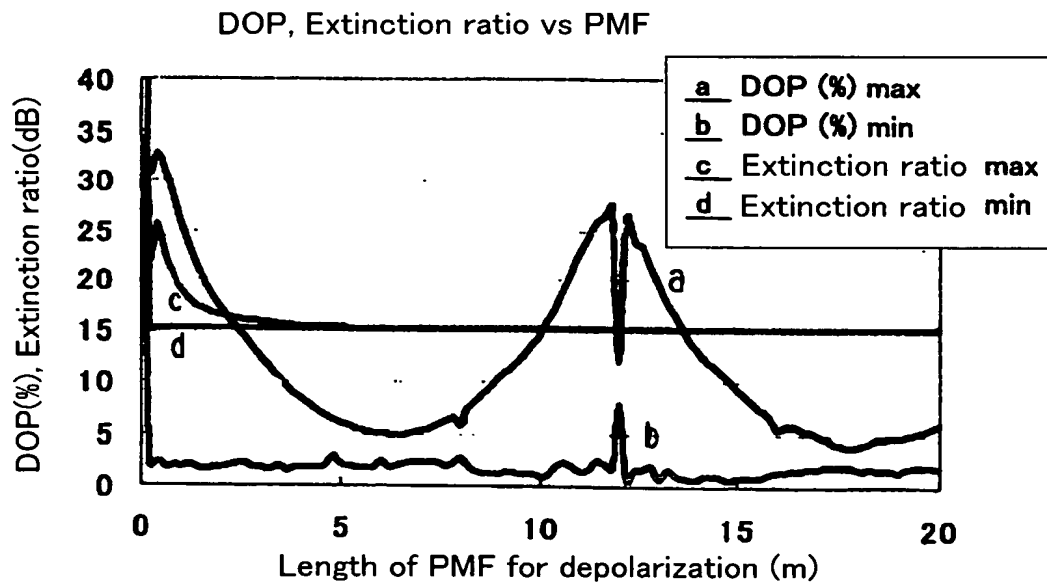
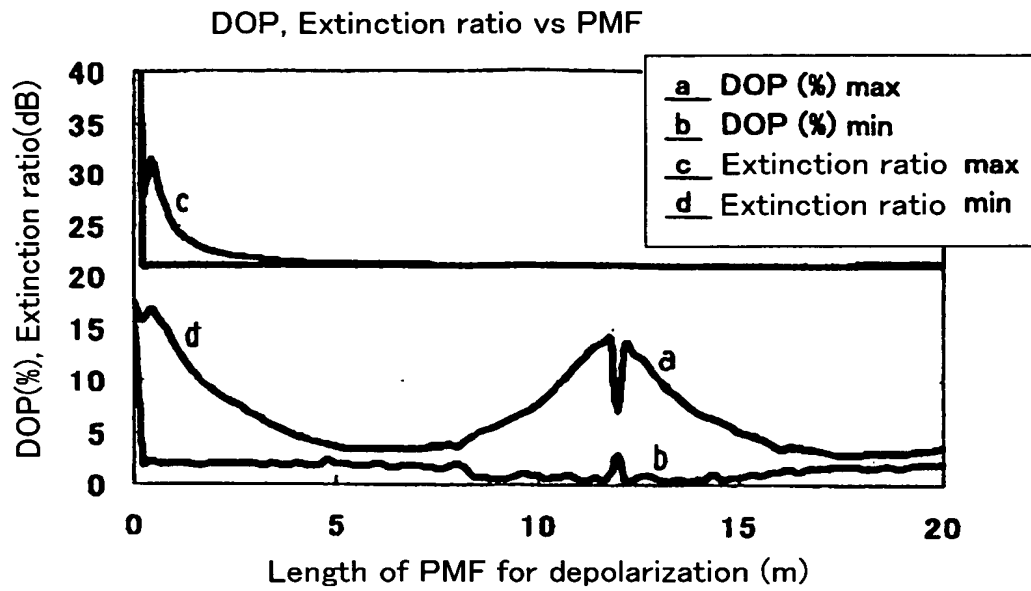
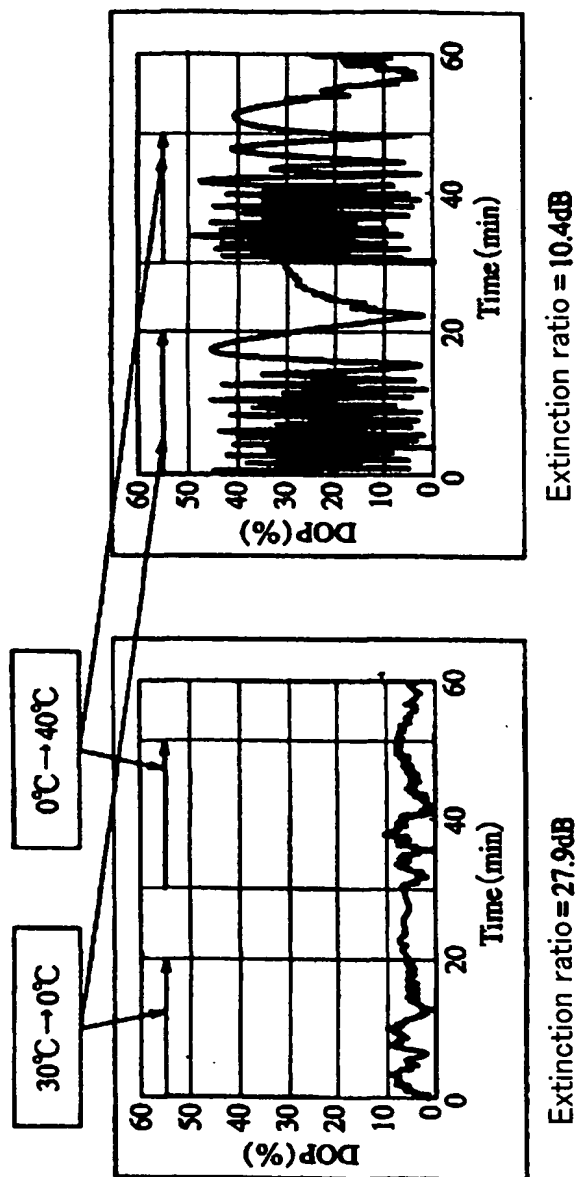


FIG. 10B

FIG. 10A



Temperature variation of DOP  
-Series, Depolarizer: PMF=12m, Beat Length=5.2mm@1550nm



$L_{\text{depo}}=17\text{m}$ ,  $L_{\text{pig}}=1\text{m}$ , Extinction ratio=15.7dB,  $\Delta\lambda=0.20\text{nm}$

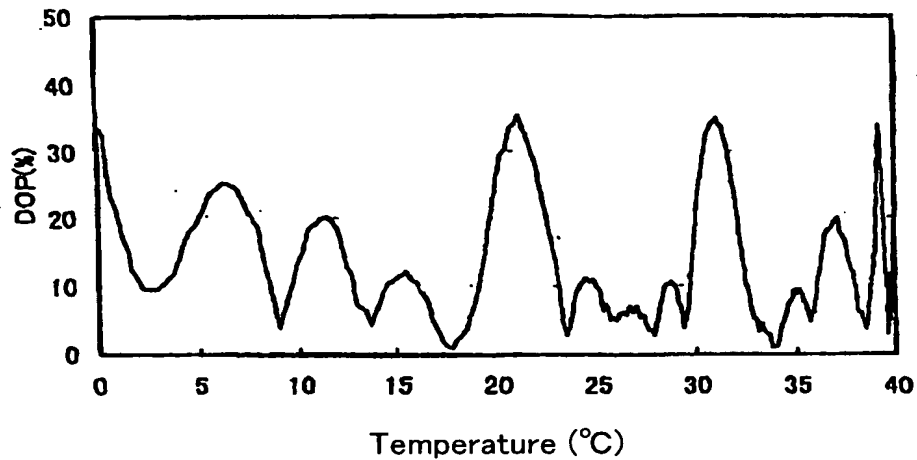


FIG. 11

$L_{\text{depo}}=17\text{m}$ ,  $L_{\text{pig}}=1\text{m}$ , Extinction ratio=15.7dB,  $\Delta\lambda=0.20\text{nm}$

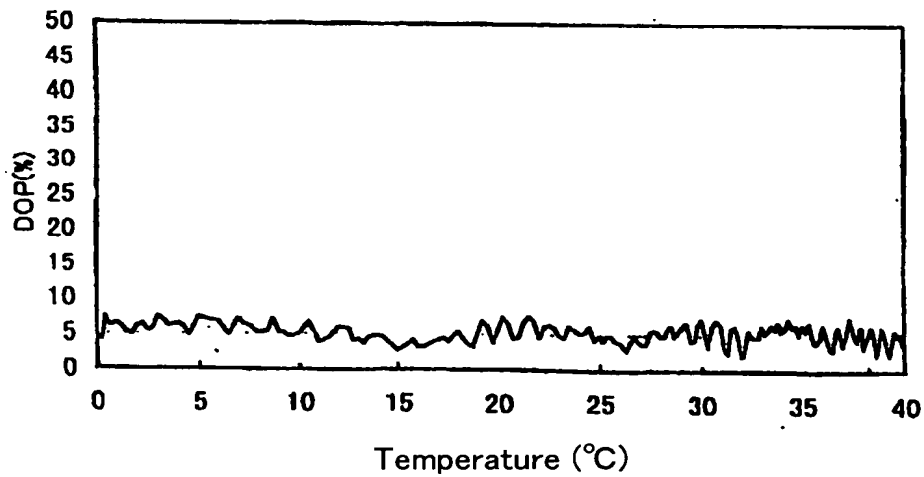


FIG. 12

Ldepo=17m, Lpig=1m, Extinction ratio=27dB,  $\Delta \lambda = 0.20\text{nm}$

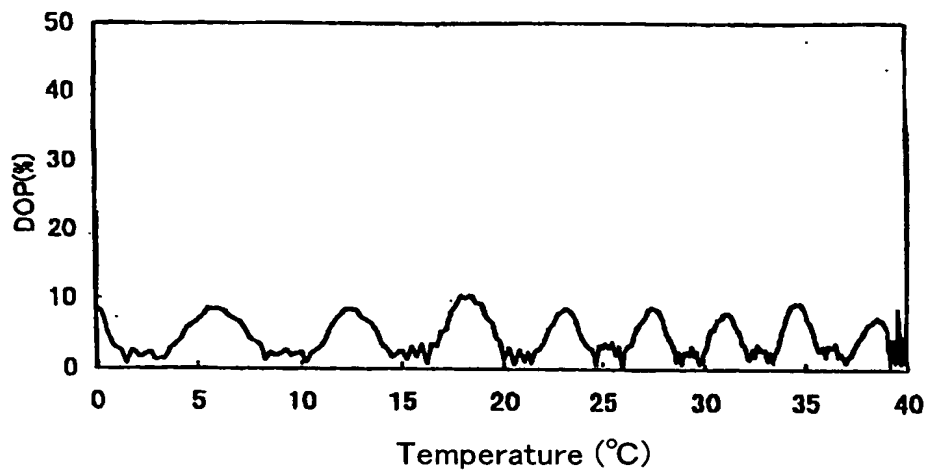


FIG. 13

Ldepo=17m, Lpig=1m, Extinction ratio=27dB,  $\Delta \lambda = 0.20\text{nm}$

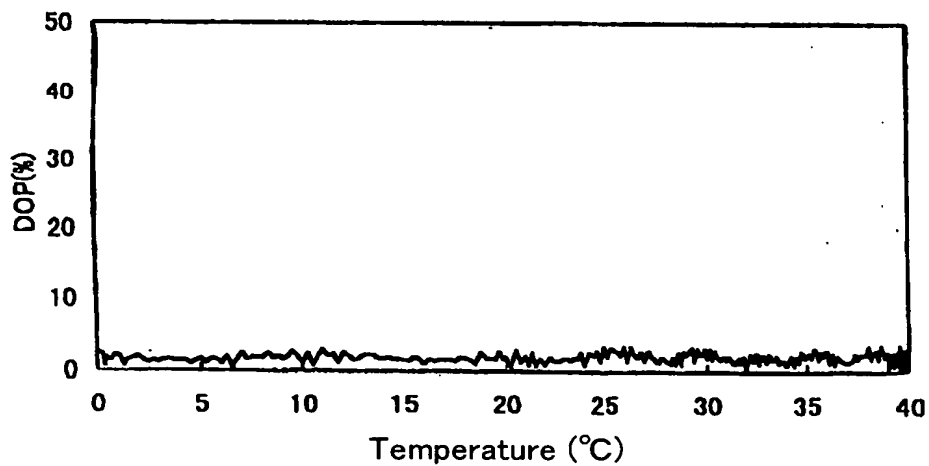


FIG. 14

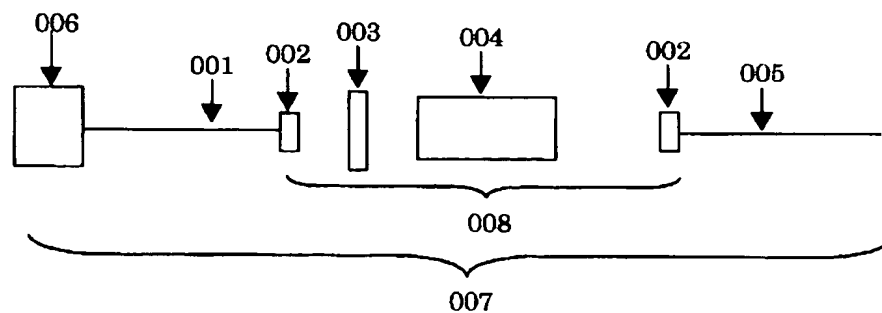


FIG. 15

Depolarizer

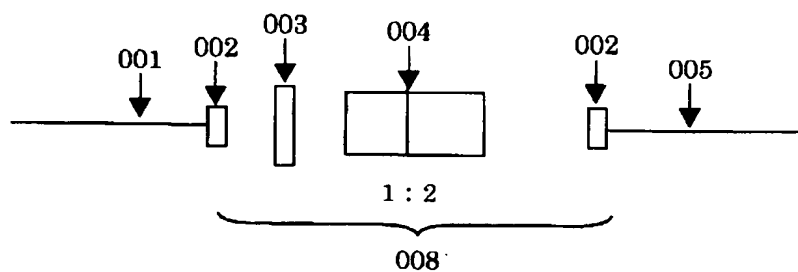


FIG. 16

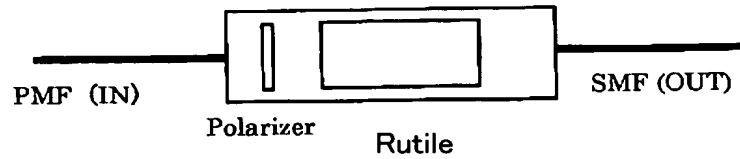


FIG. 17

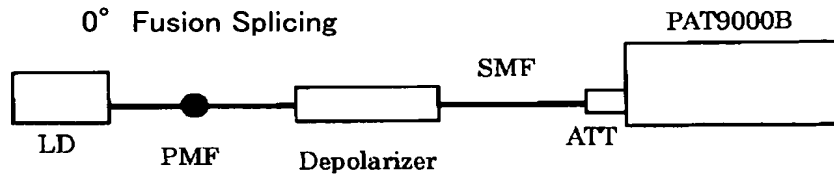


FIG. 18

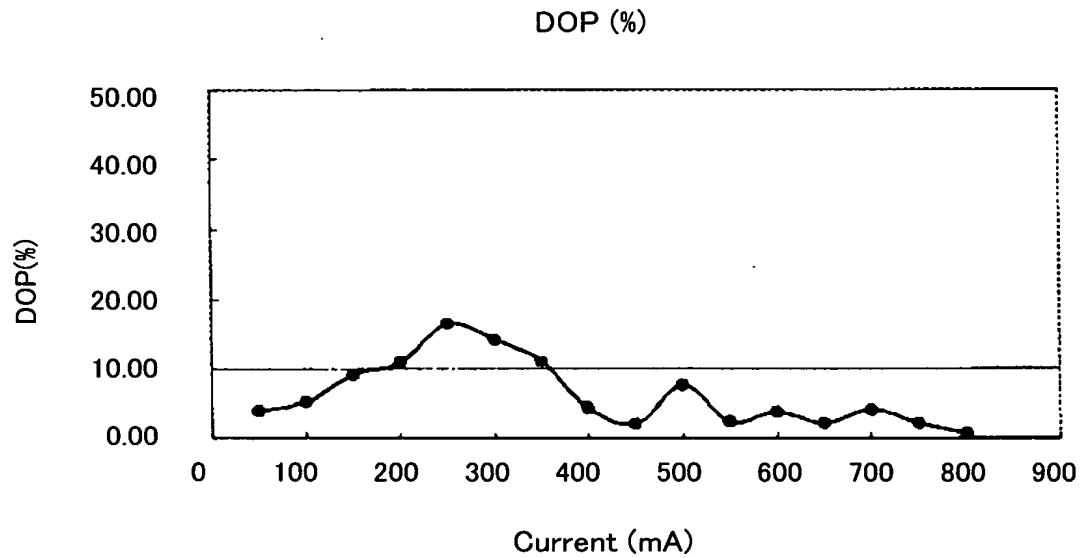


FIG. 19

Temperature Variation of DOP (30°C-0°C-40°C)

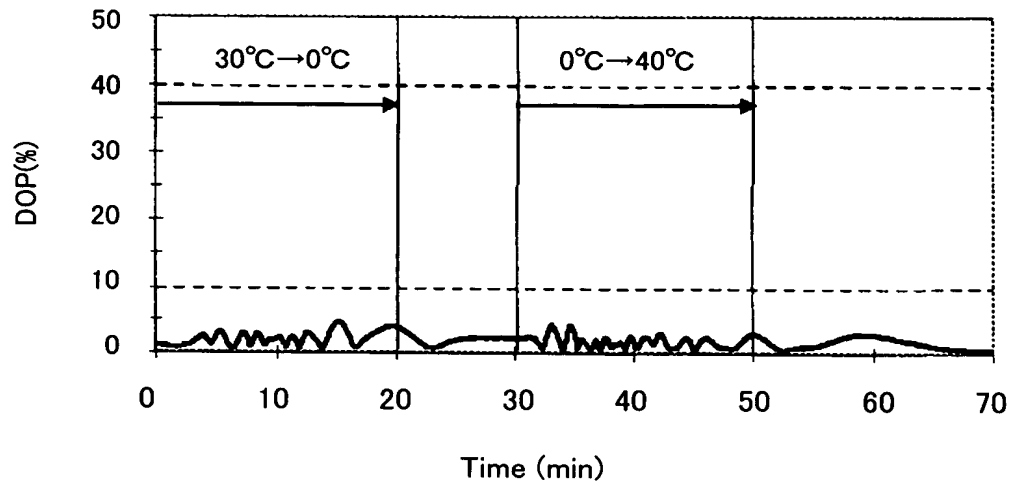


FIG. 20

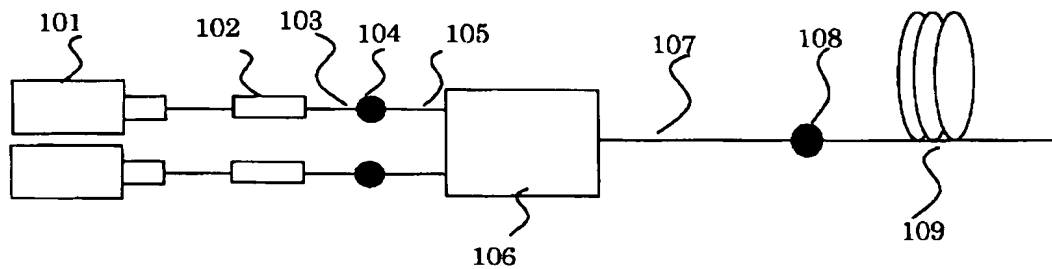


FIG. 21

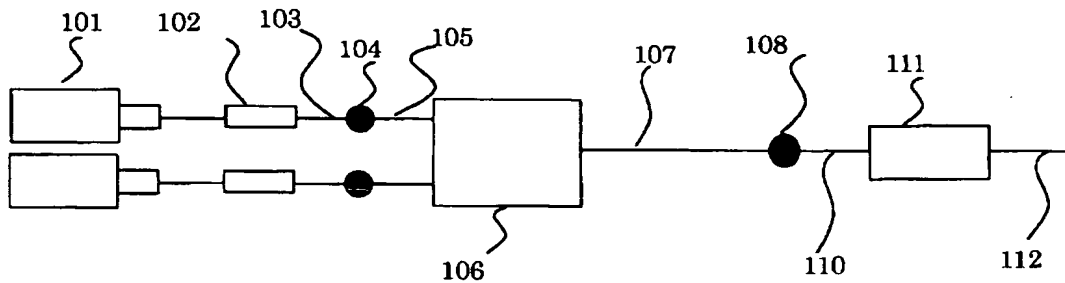


FIG. 22

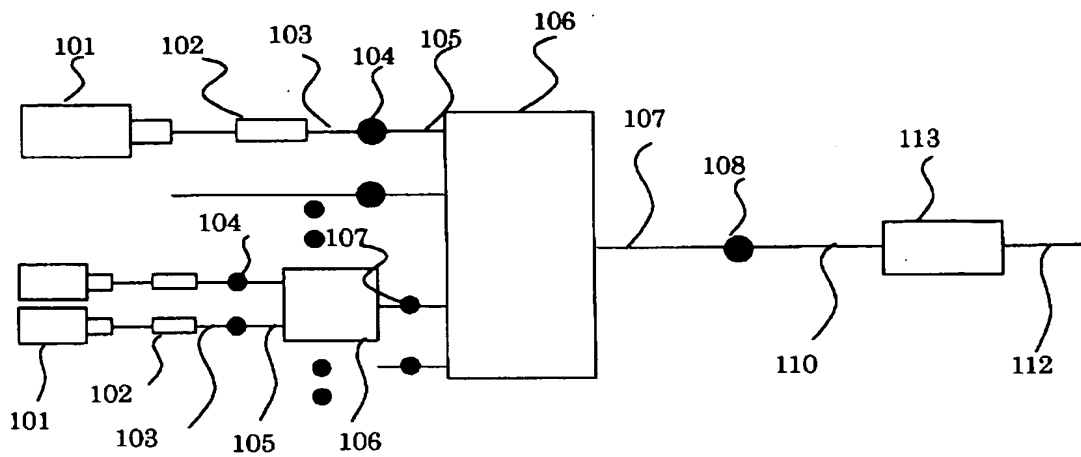


FIG. 23

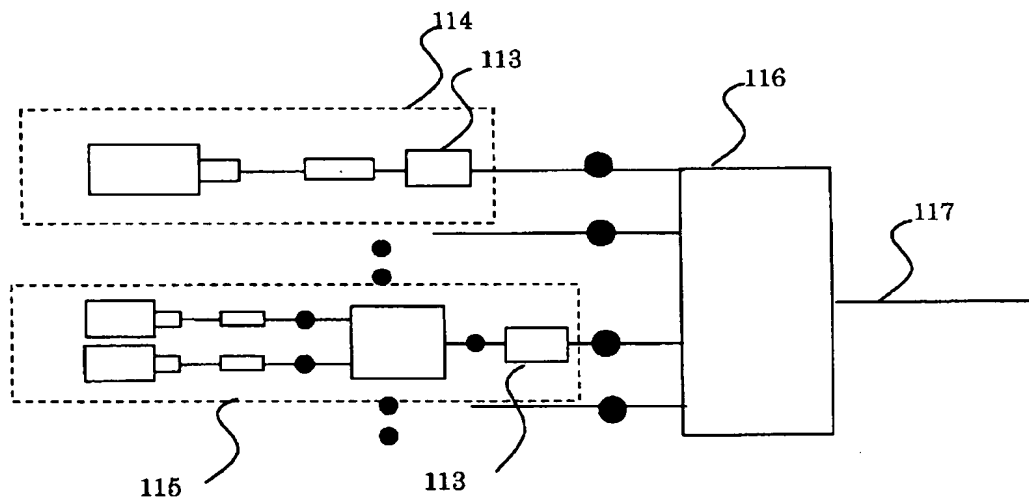


FIG. 24

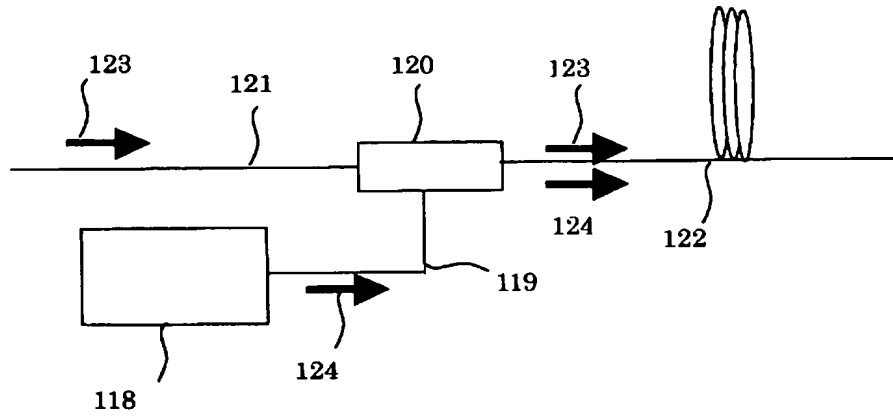


FIG. 25A

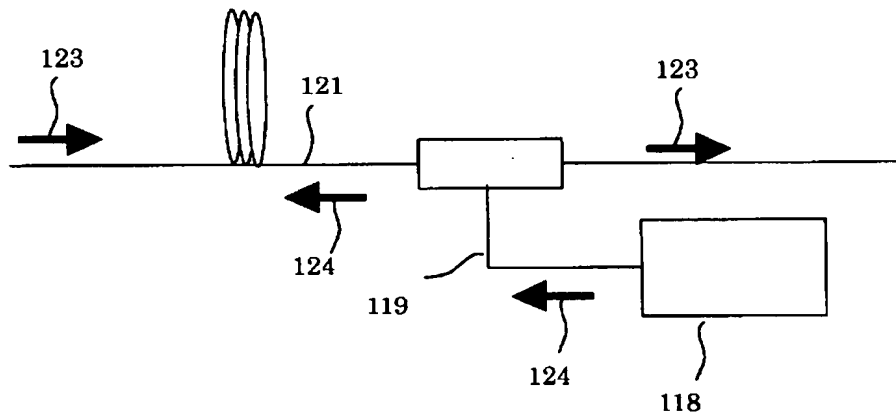


FIG. 25B

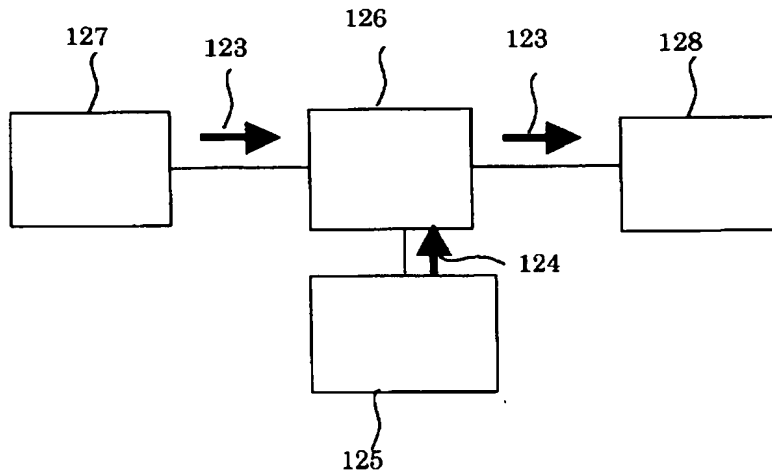


FIG. 26